User Manual

Cordless Telephone OfficeT

2006-05-24/ Ver. B

Table of Contents

Table of Contents 1
Guideline for safety and efficiency 2
Description 8
Getting Started 11
Telephoning 29
Advanced Telephoning 41
Phonebook 45
Blocking Keys/Extra Security 52
Settings 58
Networking 70
Tips and Tricks 81
Reference 83
Index 90

Guideline for safety and efficiency

Please observe all necessary safety precautions when using the OfficeT Cordless telephone.

Save this manual. It includes important safety information and operating instructions. Save all instructions for future reference.

Before using the telephone, please follow the operating instructions and adhere to all warnings and safety precautions located on the product and in the user guide.

Do not expose the telephone to open flame.

Do not expose the telephone to and charger to direct sunlight for long periods. Keep the telephone and charger away from excessive heat and moisture.

Do not allow heavy objects to fall on the telephone.

Do not use auxiliary equipment with the telephone which is not exclusively recommended by the manufacturer, see section “Spare parts and accessories” on page 89. The use of any auxiliary equipment not recommended by the manufacturer may result in fire, electric shock, or injury, and will void the warranty.

Connect AC (power supply) to the desktop battery charger only to designated power sources as marked on the product.

Remove the electrical cord from an outlet by pulling gently on the AC adapter, not by pulling the cord.

Position the electrical cord to the AC power supply where it is least likely to be subjected to damage or stress.

Unplug the battery charger from a power source before cleaning the telephone to reduce risk of electric shock.

Danger Never alter the AC cord or plug. If the plug will not fit into the outlet, have a proper outlet installed by a qualified electrician. Improper connection increases the risk of electric shock.

Do not attempt to disassemble the telephone. Doing so will void the warranty. Service should be performed only by authorized service centers. The OfficeT cordless telephone does not contain consumer serviceable components.

Do not allow children to play with the product packaging material. Product packaging material is often small and may present a choking hazard.

Do not allow children to play with your telephone. It is not a toy. Children could hurt themselves or others. Children could also damage the telephone.

Chemical resistance

The alpha and numeric characters printed on the exterior of the OfficeT Cordless telephone have been tested and found resistant to chipping, fading or wearing off when the telephone is treated with common cleaners and disinfectants or perspiration. The following chemicals have shown no harmful effect:

- 3% Hydrochloric Acid
- M-alcohol (70% Methylated Ethanol)
- 60% Chlorhexidin 0.5mg/ml

Important: Read this information before using your OfficeT Cordless telephone.

The cordless telephone is one of the most innovative products ever developed. With it, you can maintain connectivity to traditional telephone services while remaining mobile around the work environment. For the safe and efficient operation of your telephone, observe the guidelines in this manual. Your cordless telephone is a radio transmitter and receiver. When it is on it receives and sends out radio frequency (RF) energy. The telephone operates in the frequency range of 1921.5 to 1928.5 MHz and employs commonly used modulation techniques.

> **Note:** *Acetone can be damaging to the plastic casing of the cordless telephone and should not be used.*

Potentially explosive atmospheres

Turn the cordless telephone off when in an area with a potentially explosive atmosphere. It is rare, but the telephone or its accessories could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas, (such as gas stations), below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles (such as grain, dust, or metal powders).

Do not transport or store flammable gas, liquid, or explosives in any compartment of a vehicle which also contains the telephone and accessories.

In the U.S., vehicles powered by lique.ed petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Battery march Park, Quince, Massachusetts 02269, Attention: Publication Sales Division.

Operation procedures

In the U.S, cordless telephones are subject to the rules and regulations of the FCC. Following these rules will help to eliminate confusion, ensure the most efficient use of the existing frequencies, and result in a smoothly functioning radio network.

The following offenses are punishable by fine, imprisonment, or both:

- Use of profane, indecent, or obscene language.
- Transmission of a false distress signaler call.
- Willful or malicious interference with any other radio communications.
- Refusal to yield a channel or radio frequency when informed that it is needed for an emergency call. Emergency calls have priority over all messages.
- Adjustment of the equipment by anyone other than a qualified licensed technician.

Exposure to radio frequency signals

The OfficeT Cordless telephone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limit for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and Canada. These limits are part of comprehensive guidelines and established permitted levels of RF energy for the general population. These guidelines are based on the safety standards previously set by both U.S. and international standards bodies.

These standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standards for wireless mobile telephones employs a unit of measure known as the Specific Absorption Rate, or SAR.

Tests for SAR are conducted using standard operating positions specified by the FCC with the telephone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the telephone while operating can be well below the maximum value. This is because the telephone is designed to operate at multiple power levels. The SAR limit set by the FCC and Canada is 1.6W/kg averaged over one gram of tissue.

Before a telephone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by government-adopted requirement for safe exposure. The tests are performed in positions and locations (for example, at the ear and worn on the body) as required by the FCC for each model.

> *The highest SAR value for this telephone when tested for use is 0.081 W/kg. While there may be differences between the SAR levels of various telephones and at various positions, they all meet the government requirement for safe exposure.*

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only Ascom approved accessories. When carrying the telephone while it is on, use only the specific Ascom belt clip that has been tested for compliance.

Use of non-Ascom approved accessories may violate the FCC RF exposure guidelines and should be avoided.

Most modern electronic equipment (for example, equipment in hospitals and cars) is shielded from RF energy. However, RF energy from cordless telephones may affect some electronic equipment.

RFExposure:

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

This device has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/ IEEE Std. C95.1-1992 and had been tested in accordance with the measurement procedures specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE Std. 1528-2003 December 2003).

FCC compliance statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications

Modifications not expressly approved by Ascom could void the user's authority to operate the equipment.

Warranty notification

Do not disassemble the telephone. Disassembling the telephone voids the warranty. The OfficeT Cordless telephone consists of no consumer serviceable components. Service should be performed only by Authorized Service center.

Battery care

- Do not leave a battery where it could be subjected to extremely high temperatures, such as inside a car on a hot day.

- Do not allow the metal contacts on the battery to touch another metal object. This could short-circuit the and damage the battery.
- Do not attempt to take a battery apart.
- Do not expose a battery to an open flame. This could cause the battery to explode.
- Do not charge a battery when the ambient room temperature is above 104ºF or 40ºC or below 41ºF or 5ºC.
- Do power the telephone off before removing the battery.

Battery disposal

Defective batteries must be returned to a collection point for chemical waste disposal.

IC regulatory information

Operation of this device is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

The term “IC:” before the radio certification number only signifies that Industry of Canada technical specifications were met.

Description

Cordless telephone display icons and indicators

		On	*Flashing*	*Flashing quickly*
Signal strength		Visible when connected to a network		
Ring off		Ring signal muted or microphone off		
Key		Locked keypad		
Hook		Cordless telephone off hook	Connection being made	Cordless telephone is ringing
Voice Message		New message		
Call Info		New entry in MissedCalls list		
Battery		Battery status (4 blocks are fully charged)	Battery casing flashes; battery almost empty	Blocks flash successively; battery is being charged (steady blocks indicate the battery level)
LED			Warning (battery low/ no connection)	Incoming call Message waiting

For further details, please see section “Reference” on page 83.

Cordless telephone features

- GAP/CAP compliant
- Calling line identification (depending on the network)
- Phonebook for 100 names and numbers
- Up to 140 hours stand-by time and up to 17 hours talk time
- Menu in 17 languages
- Side keys for volume
- Call list for 20 numbers
- Vibrator
- Message key
- Handsfree speaking

What to read first

This User Manual consists of several sections and topics which can be read individually. You will find each section and topic listed in the table of contents. In addition, the “Index” on page 90 at the back of this guide shows where to find help on each topic. To get the Cordless telephone up and running and information about basic use of the Cordless telephone, see section “Getting Started” on page 11 section in particular and “Guideline for safety and efficiency” on page 2. Other parts can be read when needed.

Getting Started

Check for completeness

Make sure that all the parts are present. If anything is missing, please contact your system administrator or supplier.

The set contains:

1 Cordless telephone

2 Battery

3 Clip

4 Assembly card

> **Note:** *It is important to make a note of the IPEI code. The IPEI code may be needed for unblocking the Cordless telephone if an incorrect PIN code has been entered three times. See section "Looking up the IPEI code" on page 26 for further details.*

Preparing for use

When using the Cordless telephone for the first time, follow the steps below to prepare the Cordless telephone.

Warnings:
Do not use the equipment in conditions where there is a danger of electrically ignited explosions.

Do not expose the equipment to direct sunlight for long periods.

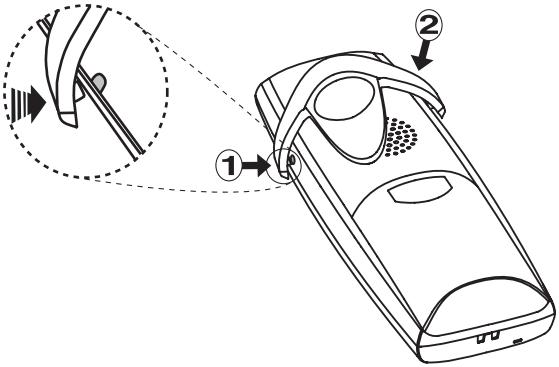
Keep the equipment away from excessive heat and moisture.

Make sure the local mains voltage corresponds to the voltage on the charger.

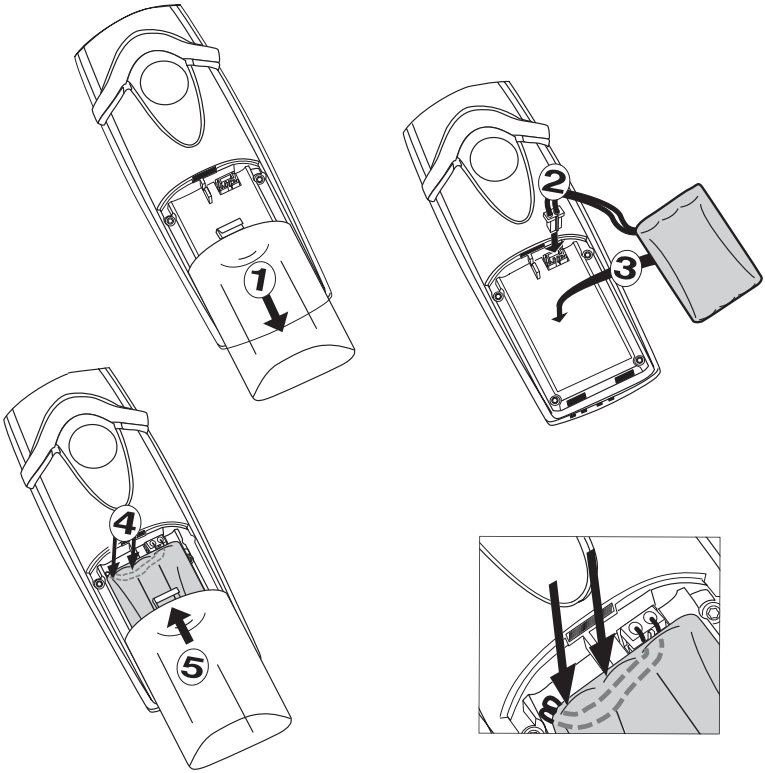
Note:
1) Only use the charger that comes with the Cordless telephone.
2) Only use the power adapter that comes with the charger. See below:

Power Adapters, Art. number	
DTX-0208	EU
DTX-0209	UK
DTX-0210	AU
DTX-0211	110 V

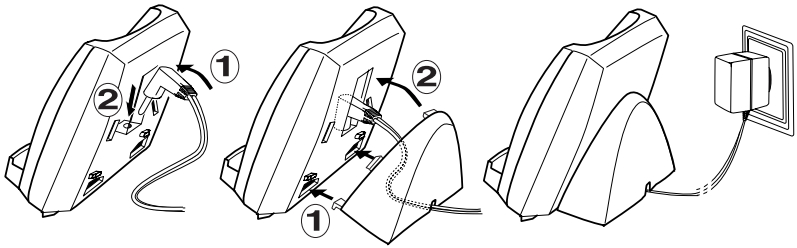
Attach the clip to the Cordless telephone
Do not press on the display!



Place the battery as shown below



Connect the mains adapter to the charger and connect it to the mains outlet



Place the Cordless telephone in the charger to charge the battery

The battery for a new Cordless telephone is not fully charged. Complete charging before you subscribe or use the Cordless telephone. The green light of the charger is turned off when charging is completed. For more information about charging the battery, see section “Battery” on page 15.

Subscribe the Cordless telephone to the telephone network

Follow the procedure in section “Subscribing to a network” on page 72. When the Cordless telephone is subscribed to a telephone network, the Cordless telephone is ready for use. See also section “Telephone networking in short” on page 27.

Battery

The Cordless telephone is powered by a rechargeable battery. You can fully charge a flat battery by placing the Cordless telephone in the charger for 4 hours. A fully charged battery gives you up to 17 hours calling time or up to 140 hours stand-by time.

> **Note:** *The calling time and stand-by time is shortened if the handsfree speaking function is used a lot.*

The Cordless telephone has a battery meter, which indicates the power left in the battery.

> **Note:** *The Cordless telephone is powered by a Nickel Metal Hydride(NiMH) battery. It can be recharged at any time. To keep the battery fully charged, you can put or leave the Cordless telephone in the charger without any problem.*

Reading the battery meter

When the battery is fully charged, the “Battery icon” on the Cordless telephone display consists of four blocks. The number of blocks decreases as the battery discharges. If the battery is almost flat, the “Battery icon” and the red light on the Cordless telephone flash. An alarm sounds if there is less than 15 minutes calling time left in the battery.

Charging the battery

Place the Cordless telephone in the charger as shown in the picture below

The battery is being charged when the lower green LED on the charger is on (and the “Battery icon” on the display flashes). If the battery is completely flat it can take a few minutes before the lower green LED on the charger comes on.

When the battery is 90% charged, the LED starts flashing (3 second intervals) and when the battery is fully charged, trickle charging starts (LED lights up for 1 second every 30 seconds) and the battery is ready.

Note: *Do not charge the battery outside the telephone.*

Changing the battery

Rechargeable batteries have a limited life span. If the stand-by time for the Cordless telephone becomes too low, you should replace the battery. Please contact your system administrator or supplier for more information.

Warning: Only use batteries as specified in the Data Sheet for OfficeT, TD 92274GB.

Do not disconnect or exchange the battery unless it must be replaced. Do not charge the battery outside the phone.

The battery does not contain cadmium and is therefore more environmentally-friendly than other rechargeable batteries. However, all batteries should be treated as chemical waste.

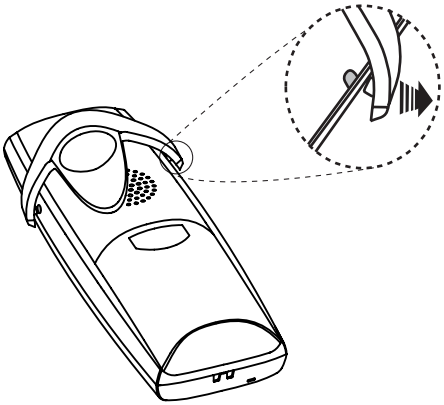
Clip

The Cordless telephone has a clip to attach the phone to your clothes.

To attach the clip to the Cordless telephone

See section “Preparing for use” on page 12 for specific instructions.

To remove the clip from the Cordless telephone

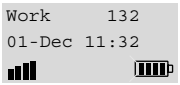


Note: *To minimize wear and tear, we recommend that you do not remove the clip from the telephone too often.*

Switching on the Cordless telephone

To switch on the Cordless telephone

Press for at least one second until the stand-by display appears
The number on the upper right-hand side of the display is the (internal) number of the Cordless telephone

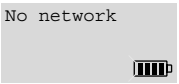


What to do if...

- The display does not come on or the battery icon starts flashing:

Charge the battery. See section "Charging the battery" on page 16.

- The signal strength icon is off and the message "No network " will be displayed repeatedly:



The Cordless telephone is not connected to a telephone network.

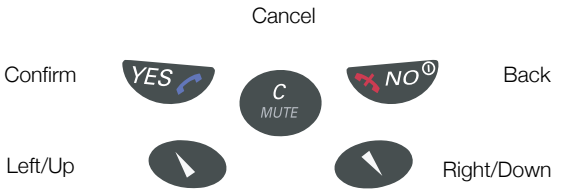
- You cannot make or answer calls.

See section “Networking” on page 70, or contact your system administrator.

After switching on, the Cordless telephone is in stand-by mode. In stand-by mode, the Cordless telephone is ready to make or receive calls and consumes little energy. In this mode the display may show several icons and other information. For more details see section “Information on display” on page 29.

> **Tip:** *If you are not using the Cordless telephone to make or receive calls, you can put the Cordless telephone in the charger to keep it fully charged.*

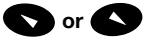
Navigation keys



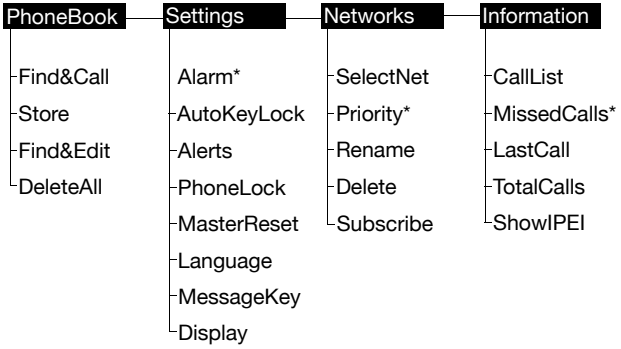
Menu structure

Several functions of the Cordless telephone and the network can be accessed via the Cordless telephone menus. The charts below give an overview of the most important top level menu items to help you locate those functions.

On hook menu

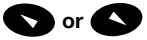


Press to access the on hook menu when the Cordless telephone is in stand-by mode (see below)



* Available where applicable

Off hook menu



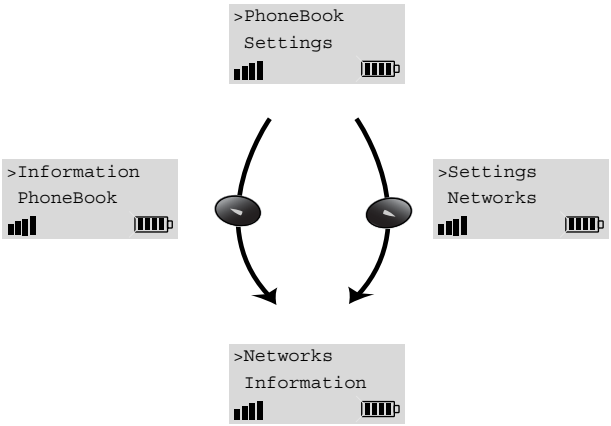
Press to access the off hook menu during a call

Find&Call
CallList
GoToDTMF*
DTMF-Long*

* Available where applicable

Using the menus

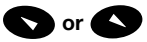
Your phone can be operated via menus. Each menu forms a loop.



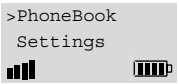
You can activate the menus when the Cordless telephone is on hook or off hook. The menu options differ in both situations (see section “Menu structure” on page 19).

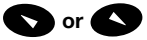
or **Press to activate the menus**

For instance:



Press to enter the main menu option “PhoneBook”.
The arrow > on the display indicates the option currently selected.





Press again to scroll through the menu options

Press to confirm a selected menu option
Some options activate a new menu.

Press to return to the previous menu

Press several times when scrolling through the menus to return to the stand-by display or previous menu

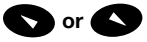
If you do not press any key for a minute, the Cordless telephone automatically returns to the stand-by display.

Press if you want to cancel any operation

> **Note:** *The Cordless telephone makes use of “dynamic” menus, which means that some menu options are only visible where applicable and supported by the network.*

The section “Changing the menu language” on page 25 shows you how the menus work. For changing the menu language, every step of the procedure is given in detail. For all other procedures, it is assumed that you know the handling of the menus.

To help you locate the menu items that are not in the main menu, a path through the menus is given at the beginning of each procedure. These paths are indicated by the word “**Route:**” followed by menu items you have to select in sequence in order to get to a specific function. In most cases, the next menu item is not immediately visible:



Press to locate the next menu item
See also section “Menu structure” on page 19 for an overview.

Making and receiving calls

If your Cordless telephone is switched on, and connected to a telephone network, you can make and receive calls. Check if a network name is displayed and one or more bars of the signal strength icon are on. If not, see section "Networking" on page 70 or contact your system administrator or supplier.

Making a call

After switching on, the Cordless telephone is in stand-by mode. In this mode the Cordless telephone is ready to make calls.

Dialling while on hook:

Enter the number
The number is displayed.

Press when the number is correct

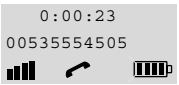
Press to end the call
The duration of the call is displayed.

Dialling while off hook:

Press and hold and wait for the dial tone

Note: *A short press activates the CallList.*

Enter the number and wait for a connection



Press to end the call
The duration of the call is displayed.

Handsfree:

While you are waiting for a connection, dial tone or during the call:

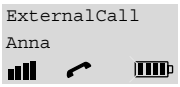
Press to switch the call to handsfree speaking mode
You are connected to the caller via the loudspeaker and microphone.

Press to end the call
The duration of the call is displayed.

Receiving a call

After switching on, the Cordless telephone is in stand-by mode. In this mode the Cordless telephone is ready to receive calls.

When the Cordless telephone rings:



Press to answer the call

Press to end the call
The duration of the call is displayed.

On an incoming call, the caller's (extension) number may be displayed. If however the caller's number is included in the phonebook of your Cordless telephone, the corresponding name may be displayed instead.

Handsfree:

Press to answer the call in handsfree speaking mode
You are connected to the caller via the loudspeaker and microphone.

Operating area

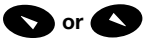
You can use your Cordless telephone in the area that is covered by the network. Outside this area, you will lose contact with the telephone network. The signal strength icon will disappear. "No Network" will be displayed repeatedly, the warning light will flash and short, fast, warning beeps will be heard at regular intervals.

Changing the menu language

The default menu language is English. To select another language, use the “Language” option. Please note that the menu options stay in English until you confirm your language choice.

To change the Cordless telephone language

Route: *Settings » Language*



Press to enter the main menu
Option “PhoneBook” is displayed.

Scroll to “Settings” **and press**

Scroll to “Language” **and press**
The current language is displayed.

Scroll through the list of languages until you find the language you want

Press to confirm your choice
The language has now been changed.

You can also use the following procedure:

Press for at least seven seconds
The language menu appears.

Select the language of your choice from the list and press

Looking up the IPEI code

Your system administrator or supplier may need the International Portable part Equipment Identity (IPEI) number of your Cordless telephone to enable telephone network subscription. The IPEI code is a unique code which has been assigned to the Cordless telephone. Furthermore, you may need the IPEI code to unblock the phone if an incorrect PIN code has been entered three times.

The IPEI code can be requested when using the Cordless telephone.

To display the IPEI code

Route: *Information » ShowIPEI*

Select “Show IPEI” **and press**
“Enter PIN”: is displayed.

Enter the PIN code for the Cordless telephone (default 0000) and press
The 13-digit IPEI code is displayed.

Press to leave this menu

Note: *Write down the IPEI code for future use. If you cannot retrieve the IPEI code, please contact your system administrator. Keep the IPEI code secret to prevent misuse of your phone.*

Switching off the Cordless telephone

Normally you do not need to switch off the phone. But if you do not want to make or receive calls, change the battery or when you get out of range of the network, you can switch off the Cordless telephone.

To switch off the Cordless telephone

Press and hold until the display turns blank
You cannot switch off the Cordless telephone during a call.

Telephone networking in short

The Cordless telephone can be connected to several telephone networks. If your Cordless telephone is connected to a telephone network you can make and receive calls. In a telephone network calls are transmitted from one Cordless telephone to the other via radio connections.

If a network name is displayed and the signal strength icon is on, the Cordless telephone is connected to that network.

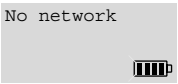
You can only make use of a telephone network if the Cordless telephone:

- Is in range of that network
- Is subscribed to that network
- Has access rights to that network

In network range

Only if the Cordless telephone is in range of a network it can connect to that network.

If the signal strength icon is off (not visible) and the messages "No network" or "No access" are displayed repeatedly, then the Cordless telephone is not connected to a network.



This may mean:

- You are out of range.
- There is no access to the network.

  The Cordless telephone is not able to connect. Set the Cordless telephone to automatic network selection

  Route: *Networks » SelectNet » Automatic*

- There is no subscription to the network.

  Subscribe the Cordless telephone to the network.

Network subscription

To get access to the network you have to subscribe the Cordless telephone to a network. Once subscribed you can access the network at any time when within network range.

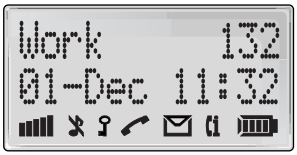
Selecting a network

The coverage area of different telephone networks may overlap. In that case you can select the telephone network you want if the Cordless telephone has been subscribed to it.

Telephoning

Information on display

After switching on the Cordless telephone, the display may show several icons and other information.

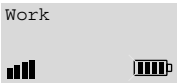


Signal strength

A signal strength indicator is shown on the left-hand side of the display when the Cordless telephone is connected to a network. It is a measure of reception quality. Five vertical bars means good reception quality and one bar means poor reception quality. In areas where the reception quality is poor, you risk losing calls.

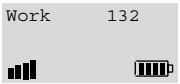
Network name

The name of the currently-connected network is displayed when the Cordless telephone is in stand-by. The default network name is Work but you can set the network name yourself. This is described in section “Editing network name” on page 78.



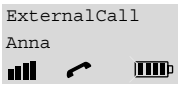
Extension number

If supported by the network, your internal number is shown on the right-hand side of the display when the Cordless telephone is in stand-by.



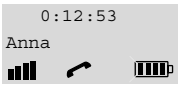
Call information

When the Cordless telephone rings, the type of call and, if available, the caller's name or number, is displayed. The name is displayed if the number of the caller is in your phonebook.

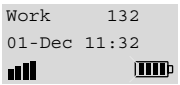


Call duration

After termination of the call, the Cordless telephone displays the duration of the call.



If provided by the network, the Cordless telephone displays the current date and time when it is in stand-by.



Making a call

Dialling while off hook

Enter the number
The number is displayed.

Press when the number is correct

Press to end the call
The duration of the call is displayed.

Dialling when on hook

Press and hold and wait for the dial tone

Note: *A short press activates the CallList.*

Dial the number and wait for a connection

Press to end the call
The duration of the call is displayed.

Handsfree

While you are waiting for a connection, dial tone or during the call:

Press to switch the call to handsfree speaking mode
You are connected to the caller via the loudspeaker and microphone.

Press to end the call
The duration of the call is displayed.

Call using the phonebook

Your Cordless telephone contains a phonebook for storing names and numbers. You can conveniently make calls using this phonebook. For use of the phonebook, see section “Phonebook” on page 45.

Calling by name

The call by name option lets you search for a name and number in the phonebook.

Route: *PhoneBook » Find&Call*

Select “Find&Call” **and press**
“Enter Name:” or “Store” is displayed. To add names and numbers to the phonebook, see section “Adding name and number” on page 47.

Press the key which has the first letter of the name you are searching for
Press once for the first letter of the key, twice for the second and three times for the third letter of the key. To narrow down the search, you can also enter the next letter(s) of the name.

Press to confirm
The first name in the phonebook beginning with the entered letter(s) or, if it does not exist, a name with the nearest match is displayed.

Scroll (if necessary) until you find the right name

Press to dial the number

Quick call by name

You can also search for a number by name in your phonebook without using the menus.

Press the key which has the first letter of the name, and hold down the key until the display shows the first name in the phonebook beginning with the letter on the key you have just pressed
You can now enter more letters as in step to narrow your search, or scroll until you find the right name.

Press to dial the number

Example:

Suppose you want to call someone whose name is "JONES". Follow the next procedure:

5 **Press and hold until the first name in the phonebook beginning with "J" appears**

6 **Press three times for the "O"**
The first name in the phonebook beginning with “Jo” appears.

6 **Press two times for the "N" and so on or scroll until you find the name "JONES"**

Press to dial the number

If the phonebook does not contain a name beginning with that specific letter, the incorrect letter flashes. You can enter another letter to correct it. If the phonebook is empty, see section “Adding name and number” on page 47 for more information.

> **Tip:** *If you press C/MUTE instead of YES, you can edit the number before dialling.*

Calling via the CallList

The last 20 dialled numbers, missed calls and answered calls are stored in the CallList. You can easily redial one of these numbers.

The different call types in the CallList are marked with the following icons:

- *Incoming call*
- *Outgoing call*
- *Missed call*

To redial a number from the CallList

A short press
The CallList including dialled numbers, missed calls and answered calls appears. The Cordless telephone beeps if there are no names or numbers available for redial.

Scroll until you have the right number or name

Press to dial the selected number

> **Tip:** *If you press C/MUTE instead of YES, you can edit the number before dialling.*

You can also access the CallList via the `CallList` menu.

> **Route:** *Information » CallList*

The CallList menu is only available if names or numbers are available for redial.

You can permanently store the numbers from your CallList in your phonebook. See section “Add numbers from the CallList” on page 51.

Returning a call

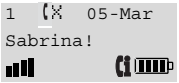
In some networks, when you receive a call and don’t answer, the number (or name) of the caller and, if available, the time or date is displayed. In that case the number is stored in the CallList. The call info icon shows you if there are new unanswered calls. By using the call return function, you can easily return a call to these numbers. The CallList holds up to 20 numbers.

When there are new unanswered calls, the Cordless telephone displays “Check Who Called?”

Press if you do not want to return a call

To return a call

Press
A list of numbers appears. New entries are marked with an exclamation mark.



Scroll until you have the right number or name

Press to dial the selected number

> **Tip:** *If you press C/MUTE instead of YES, you can edit the number before dialling.*

You can also access the CallList via the CallList menu.

> **Route:** *Information » CallList*

This option is only displayed, if names or numbers are available for returning a call.

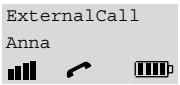
Receiving a call

When the Cordless telephone rings

Press to answer the call

or

Press to answer the call in handsfree speaking mode



Press to end the call
The duration of the call is displayed.

On an incoming call, the caller's (extension) number may be displayed. If however the caller's number is included in the phonebook of your Cordless telephone, the corresponding name is displayed instead.

When the Cordless telephone rings at an inconvenient moment

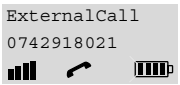
Press to mute the buzzer
Please see section "Turning off the ringer" on page 40.

or

Press
The call is rejected. There is no entry in the CallList.

Caller identification

Some telephone networks provide calling line identification. This means that in case of an incoming call the caller's (extension) number or name is displayed.



Ask your system administrator or supplier if your telephone network provides calling line identification presentation (CLIP).

Transferring a call

During a call you can put the call on hold and dial another telephone number. You can then continue the first call or transfer the caller to the dialled number (if supported by the current network).

Press to put a call on hold and dial another number

> **Tip:** *You can also use the Find&Call or CallList menu options.*

Find&Call **Select to look up the number in the phonebook**

Using the R key

> **Note:** *This procedure might not be available in all countries or systems.*

You are on the phone and want to transfer a call.

Press to put the current call on hold
You hear the dial tone of the switchboard.

Enter the (extension) number to which you want to transfer the call
If the number is available, you hear it ring.

Press to transfer the call

or

Press to return to the caller

Using the "Find&Call" option

During a call, you may want to hold the call and dial another number, but you do not know the number by heart and want to look it up in the phonebook or in the CallList.

Scroll the menu

Find&Call

Select

Press

Enter or search for the number to which you want to transfer the call
As explained in section “Call using the phonebook” on page 32.

Press to dial the number

Wait for an answer

If the person does not answer, or is busy:

Press to return to the call

If the second call is answered:

Press to transfer the first call to the second party

or

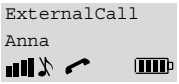
Press to return to the first call

Turning off the microphone

During a call you may want to talk to someone else, without the caller hearing, by switching off the microphone.

C
MUTE

Press until you are ready to talk to the caller again
Short beeps and the ring off icon indicate that the microphone is off.



C
MUTE

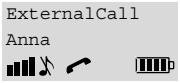
Press quickly
Short beeps and the ring off icon indicate that the microphone is off. To switch the microphone on, press C/MUTE again.

Turning off the ringer

If your Cordless telephone rings at an inconvenient moment, you can turn off the ringer.

To turn off the ringer temporarily

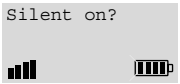
Press
The ring off icon appears.



Even with the sound off, you can still answer the call. The warning light and hook icon keep flashing. If you do not answer the call, the number is stored as a missed call in the CallList.

To turn off the ringer permanently

Press when the phone is idle



Press
The ring off icon appears.

You can also turn off the ringer permanently by adjusting the ring volume to its lowest level. See section “Volume control” on page 58.

> **Note:** *If you have set the vibrating alert to OnIfSilent, the vibrator turns on when the phone is ringing, see section “Vibrating alert” on page 62.*

To turn the ring sound on again

A short press
The ring off icon disappears.

Advanced Telephoning

Internal, external call or call back?

When you receive a call, there is a different ring signal for internal, external and call back calls. These signals are set in the Cordless telephone to the following defaults:

- An internal ring signal consists of a short beep followed by a pause.
- An external ring signal consists of two short beeps followed by a pause.
- A call back ring signal consists of short beeps.

> **Tip:** *You can set the tune of the ring signal for internal and external calls yourself. This makes it easier for you to recognize the ring signal of your own Cordless telephone. For more information, please read section "Ringer tones or melodies" on page 60.*

Message waiting

This Cordless telephone supports message waiting. Therefore, a separate message waiting ringer tone is available. The use of this feature depends on the network. It is also possible to program the R/Message key with a number or a function (depending on system).

If the Voice message icon appears you can enter your message system in order to retrieve the message:

Press to enter the message system

Programming a number or function on the R/Message key

You can program a number that you are calling very often or program a function (depending on system).

Route: *Settings » MessageKey » Mess.KeyNo*

Enter the number

Press

Note: *Only one number or function can be programmed. If you change it, the default function to enter your message system directly does not work any more. If you want to use the message waiting function (default) again, the number to enter the message system has to be re-entered.*

Changing the dialling mode

If your phone system normally uses pulse dialling you can switch between long and short DTMF tones if required. For some tele services the standard tones sent out by the Cordless telephone are too short. In this case the Cordless telephone must be switched to “long tones”.

To switch the Cordless telephone to short tones during a call

GoToDTMF **Select**

Press
The Cordless telephone now uses short DTMF tones.

To switch the Cordless telephone to long tones during a call

DTMF-Long **Select**

Press
The Cordless telephone switches to long tones for the duration of the call. If the Cordless telephone is set to long tones, the tones are transmitted for the same length of time as you keep the keys pressed down.

Sending a dial tone pause

To insert a dial tone pause while dialling on hook

Press for one second

Call statistics Cordless telephone

Your Cordless telephone can tell you the duration of your last call. Your Cordless telephone can also display the total time of all external calls made.

To see the time spent on your last call

Route: *Information » LastCall*

LastCall **Select**

Press
The length of the last call is displayed in hours, minutes and seconds.

Press to leave this menu

To see the time spent on all outgoing external calls

Route: *Information » TotalCalls*

TotalCalls **Select**

Press
The total time of all external calls made is displayed in hours, minutes and seconds.

Press to leave this menu

or

Press to delete the entry from the list

Phonebook

Phonebook use

Your Cordless telephone can contain a phonebook for 100 names and numbers. You can consult and change the phonebook via the PhoneBook menu option.

The phonebook lists all names in alphabetical order. You can freely add names and numbers to the phonebook.

Entering names

Use the numeric keys to enter names in the phonebook.

Press a key once for the first letter of the key, press it twice for the second, three times for the third letter and so on. To enter letters with a diaeresis or accent or to enter a digit, press the same key a few more times.

For example:

1 **Press once to insert a space**

2 **Press five times to insert “Ä”**

3 **Press four times to insert “È”**

Press twice to insert an asterisk (*) in a name

To insert lower case letters:

Press the letter first

and then press

Repeat the procedure above to revert to upper case again

While entering/editing a name or number, you can also use the following keys:

Delete

Move left

move right

Enter a dial tone pause (press for min. 1 sec.)

See the table below for more details:

Phone key	Number of times to press the key												
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**
1	Space	-	?	!	,	.	:	"	’	(	)	1	
2	A	B	C	Å	Ä	Æ	À	Á	Â	Ã	Ç	2	Γ
3	D	E	F	È	É	Ê	Ë	3	Δ	Φ			
4	G	H	I	Ĝ	¡	Ì	Í	Î	ï	4			
5	J	K	L	5	Λ								
6	M	N	O	Ñ	Ö	Ø	Ò	Ó	Ô	Õ	Œ	6	
7	P	Q	R	S	ß	Ş	7	Π	Σ				
8	T	U	V	Ü	Ù	ú	û	8					
9	W	X	Y	Z	Ý	Ÿ	9						
0	0	+	&	@	/	$	%	£	Θ	Ξ	Ψ	Ω	
#	#	*											

Adding name and number

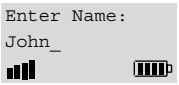
You can use the “AddNew” option to enter names and numbers in the phonebook.

To add a new phonebook entry

Route: *PhoneBook » Store » AddNew*

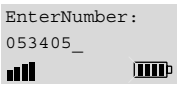
AddNew **Select**

YES **Press**
“Enter Name:” or “Phonebook” Full is displayed. In the latter case, you have to delete a phonebook entry first before you can add a new one.



Enter a name

YES **Press to confirm**
“EnterNumber:” is displayed.



Enter the telephone number

✳ **Press if you have to wait for a second dial tone**

YES **Press to confirm**
The name and number are stored in the phonebook.

Editing name and number

With the “Edit” option, you can change the names and numbers in the phonebook.

Editing names

You can correct a misspelled name or give a new name to an existing telephone number.

Route: *PhoneBook » Find&Edit » Edit*

Edit **Select**

Press
“Enter Name:” is displayed.

Enter the first letter(s) of the name you are searching for

Press
The nearest matching name is displayed.

Scroll until you find the name

Press
The name to be edited is displayed.

Correct the name

> **Tip:** *Press the Up key for one second to “jump” to the most left character of the name or press the Down key for one second to “jump” to the most right character. Press the C/MUTE key for one second to clear the whole name.*
>
> *To insert lower case letters, press the letter first and then the “star”key. Repeat the procedure to revert to upper case again.*
>
> *The Cordless telephone can display several special characters. See section “Phonebook” on page 45 for more details.*

Press to confirm

Editing telephone numbers

You can correct a telephone number or give another number to a name.

Route: *PhoneBook » Find&Edit » Edit*

Edit **Select**

YES **Press**
"Enter Name:" is displayed.

Enter the first letter(s) of the name you are searching for

YES **Press**
The nearest matching name is displayed.

Scroll until you find the name

YES YES **Press**
The number to be edited is displayed.

Correct the number

Tip: *Press the Up key for one second to "jump" to the most left character of the number or press the Down key for one second to "jump" to the most right character. Press the C/ Mute key for one second to clear the whole number.*

YES **Press to confirm**

Deleting name and number

You can also delete names and associated numbers from the phonebook.

To delete a name and number from the phonebook

Route: *PhoneBook » Find&Edit » Delete*

Delete

Select

Press
"Enter Name:" appears.

Enter the first letter(s) of the name you are searching for

Press
The nearest matching name is displayed.

Scroll until you find the name

Press to confirm
The name and number are deleted from the phonebook.

To delete all names and numbers from the phonebook

Route: *PhoneBook » DeleteAll*

DeleteAll

Select

Press
"Delete?" appears.

Press to confirm
All names and numbers are deleted from the phonebook.

Add numbers from the CallList

Up to 20 numbers (dialled, answered and missed) can remain stored in the CallList of your Cordless telephone. You can use the “AddCallList” option to add these numbers to the phonebook.

Menu option “AddCallList” appears only if names or numbers are available for redial.

To add a number you have dialled recently

Route: *PhoneBook » Store » AddCallList*

`AddCallList` **Select**

Press
A list of numbers is displayed. If phonebook `Full` appears, you have to delete a phonebook entry first before you can add a new one.

Scroll through the list of last dialled numbers until you have the number you want to store

Press
“Enter Name:” is displayed.

Enter a name

Press
“Edit Number:” is displayed. The number to be added is displayed.

Edit the number if necessary

Press to confirm
The name and number are stored in the phonebook.

Blocking Keys/Extra Security

Key lock

If you carry the Cordless telephone in your pocket, you might accidentally press the keys and make a call. To prevent this, you can have them blocked by using the “AutoKeyLock” option.

To enable or disable key locking

Route: *Settings » AutoKeyLock*

AutoKeyLock **Select**

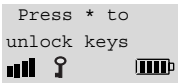
Press
The current setting is displayed.

Select the setting you want

Press to confirm

Note: *After enabling the key lock function do not press a key for 30 seconds. If the enabling time has expired the keys are blocked and a key symbol is displayed.*

During key lock the keys are blocked, so you cannot use your Cordless telephone. If a key is pressed the message “Press * to unlock keys” is displayed.



If you have locked the keys and you receive a call, you can answer the call as usual without switching key lock off. When the call is ended the keys are locked again after 30 seconds.

To unblock the keys temporarily

Press
“Unlock Keypad?” is displayed.

Press to switch off the key lock
The key symbol disappears; the keys are enabled again.

Cordless telephone lock

You can protect your Cordless telephone against unauthorized use with your PIN code (Personal Identification Number). You can secure the Cordless telephone against being used by someone else, or just against adding or deleting telephone network subscriptions. Both security features are off by default. You can change the PIN code of the Cordless telephone.

If you enter an incorrect Cordless telephone PIN code three times in a row, the Cordless telephone is blocked.

For the default Cordless telephone PIN code, see section “Overview PIN and other codes” on page 57.

Securing against unauthorized use

You can set the Cordless telephone so that the PIN code must be entered after switching on. This option is off by default.

Route: *Settings » PhoneLock » PowerOn*

PowerOn

Select

Press
“Enter PIN:” is displayed.

Enter the PIN code for the Cordless telephone (default 0000) and press
The current setting is displayed.

Select one of the following options:
- “LockOn” to enable protection.
- “LockOff” to disable protection.

Press to confirm

Securing against adding or deleting subscriptions

You can set the Cordless telephone so that the PIN code must be entered when adding or deleting telephone network subscriptions. This option is off by default.

Route: *Settings » PhoneLock » Subscript*

Subscript **Select**

Press
"Enter PIN:" is displayed.

Enter the PIN code for the Cordless telephone (default 0000) and press
The current setting is displayed.

Select one of the following options:
- "On" to enable protection.
- "Off" to disable protection.

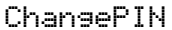
Press to confirm

Changing the PIN code

The Cordless telephone is initially provided with a pre-set PIN code (see section "Overview PIN and other codes" on page 57). You should change this PIN code to a personal PIN code to prevent misuse.

To change the Cordless telephone PIN code

Route: *Settings » PhoneLock » ChangePIN*



Select

Press
"EnterOldPIN:" is displayed.

Enter the current PIN code for the Cordless telephone (default 0000) and press
Either "EnterNewPIN:" or "Wrong PIN" is displayed. In the latter case, you have entered a number that does not the match the current PIN code.

Enter the four digits of the new PIN code and press
"RepeatNewPIN" is displayed.

Enter the new PIN code again and press
Either "New PIN accepted" or "Wrong New PIN" is displayed.

Note the new PIN code for future use

If you enter an incorrect new Cordless telephone PIN code three times in a row, the Cordless telephone leaves this menu option.

In other situations, if you enter an incorrect Cordless telephone PIN code three times in a row, the Cordless telephone is blocked and ''PIN Blocked, Unblock?" is displayed. See below for unblocking the Cordless telephone.

Unblocking the Cordless telephone

If your Cordless telephone is blocked because an incorrect PIN code has been entered three times, you can unlock the Cordless telephone with the IPEI code. After entering the IPEI code, you must enter a new PIN code.

The IPEI code is a unique code which has been assigned to the Cordless telephone. The IPEI code can be found in the “ShowIPEI” menu (Route: Information » ShowIPEI).

If the Cordless telephone is blocked, “PIN Blocked”, “Unblock?” appears. The Cordless telephone must be unblocked before it can be used again.

To unblock:

Press
“Backdoor:” is displayed.

Enter the IPEI code and press
“EnterNewPIN:” is displayed.

Enter the four digits of the new PIN code and press
“RepeatNewPIN” is displayed.

Enter the new PIN code again and press
Either “New PIN accepted” or “Wrong New PIN” is displayed. In the latter case, the new PIN and the code you have just entered do not match. If “New PIN accepted” appears, you can use the Cordless telephone again.

Overview PIN and other codes

The Cordless telephone uses several identification codes for security reasons. In the table below, an overview of these codes and their values is given.

Code	Value	Backdoor code
Cordless telephone PIN	0000 (default)	IPEI
Authentication Code (AC) or BasePIN	Unique identity provided by the Cordless system which is necessary to subscribe a Cordless telephone. Consult your system administrator for more information.	Not applicable.
International Portable part Equipment Identity (IPEI)	Unique identity assigned to your Cordless telephone by the manufacturer. In menu Information >> ShowIPEI you can find the number. It is recommended to write it down.	Not applicable.
Portable Access Rights Key (PARK)	A unique identity provided by the Cordless system. This code can be used to speed up subscription. Consult your system administrator for more information.	Not applicable.

Settings

Volume control

You can adjust the volume in the earpiece, of the loudspeaker for handsfree speaking and the volume of the ringer.

Adjust speaker volume for handsfree speaking

During a call:

Press the *volume up* **or** *volume down* **key once or more**

If you are not making a call you can still adjust the volume:

Press for three seconds
You hear the dial tone.

Press

Keep listening and press the *volume up* **or** *volume down* **key once or more**
You hear the dial tone becoming louder or quieter.

Press to cancel the adjustment procedure

Adjust earpiece volume

During a call:

Press the *volume up* **or** *volume down* **key once or more**

If you are not making a call you can still adjust the volume:

Press for three seconds
You hear the dial tone.

Keep listening and press the *volume up* **or** *volume down* **key once or more**
You hear the dial tone becoming louder or quieter.

Press to cancel the adjustment procedure

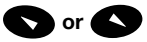
If the earpiece is at maximum or minimum volume, and the key sound is turned off, you hear a warning beep.

Adjust ringer volume

Route: *Settings » Alerts » RingVolume*

RingVolume **Select**

Press
A volume level bar is displayed.



Press once, or more, to turn the volume up or down

You can now also use the ***volume up*** or ***volume down*** key to change the volume. Each time you press *volume up* or ***volume down***, you hear the ring at the new volume. If you set the volume to its lowest level, the ring off icon appears.

Press to confirm

Ringer tones or melodies

You can change the ringer tone for each call type to a different sound or a preprogramming melody. For each ring signal type, you can choose from four ringer tones or six melodies.

To set the sound for a ringing type

Route: *Settings » Alerts » RingType » Internal/External/ CallBack/Message*

Select the ring signal type: Internal, External, CallBack, or *Message*

Press
The current setting is displayed and played.

Select sound Low, Medium, High, Mixed or Melody **(1 - 6)**
The selected sound is played. The menu options Low, Medium, High and Mixed refer to the pitch of the ringing tone.

Press to confirm
The table below lists the names of the melodies.

Melody	*Name*
1	J.S. Bach - Badinerie - BWV 1067 Suite no 2
2	The Black Bear
3	Rimsky Korsakoff - Flight of the Bumble Bee
4	Menuet Boccherini
5	J.S. Bach - Partita no 3 for violin
6	OfficeT melody

Discreet ringing

In the discreet ringing mode, your Cordless telephone starts ringing at the lowest audible volume level. It then gets louder and louder.

To set discreet ringing

Route: *Settings » Alerts » DiscreetRng*

DiscreetRng **Select**

Press
The current setting is displayed.

Select one of the following options:
- “On” to activate discreet ringing.
- “Off” for no discreet ringing.

Press to confirm

Vibrating alert

If you do not want to be disturbed by the ringing of your phone, but still get the call indication, or if you are in a noisy environment, you can activate the vibrating alert.

To set vibrating alert

Route: *Settings » Alerts » Vibrator*

Vibrator **Select**

Press
The current setting is displayed.

Select one of the following options:

- “On” for vibrating alert.
- “Off” for no vibrating alert.
- “OnIfSilent” for vibrating alert when the ringer is permanently off. See section “Turning off the ringer” on page 40.

Press to confirm

Key click

Key click is the sound you hear each time you press a key. This feature can be enabled and disabled.

To set key click

Route: *Settings » Alerts » KeySound*

KeySound **Select**

Press
The current setting is displayed.

Select one of the following options:
- “On” to have a key click with each key press.
- “Off” for no key click.

Press to confirm

Display light

Your Cordless telephone has a display which is illuminated when a key is pressed. The illumination automatically goes off after a while, unless you press a key.

To set the display light to automatic or off

Route: *Settings » Display » Light*

Light **Select**

Press
The current setting is displayed.

Select one of the following options:
- “Automatic” to activate illumination of the display when a key is pressed.
- “Off” for no illumination of the display.

Press to confirm

Display contrast

You can adjust the contrast of the display to one of eight levels to make it easier to read.

To change the display contrast

Route: *Settings » Display » Contrast*

Contrast **Select**

Press
The contrast level bar appears.

Adjust the contrast
You hear an error beep when either limit is reached.

Press to confirm

Alarm

The phone can be set to remind you with an alarm at any time within the next 24 hours.

Note: *This function requires an exchange that supports date and time.*

To set an alarm

Route: *Settings » Alarm » SetAlarm*

SetAlarm **Select**

Press

Enter alarm time and press to confirm
(00-23) hour + (00-59) minute.

Press to finish the procedure
When the time is reached your phone rings with recall signal.

If you want to delete the set alarm before the reached alarm time:

Route: *Settings » Alarm » AlarmOff*

AlarmOff **Select**

Press
The set alarm is deleted.

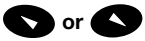
Press to finish the procedure

Language

The default menu language is English. To select another language, use the “Language” option. Please note that the menu options stay in English until you confirm your language choice.

To change the Cordless telephone language

Route: *Settings » Language*



Press to enter the main menu
Option “PhoneBook” is displayed.

Scroll to Settings **and press**

Scroll to Language **and press**
The current language is displayed.

Scroll through the list of languages until you find the language you want

Press to confirm your choice
The language has now been changed.

You can also use the following procedure:

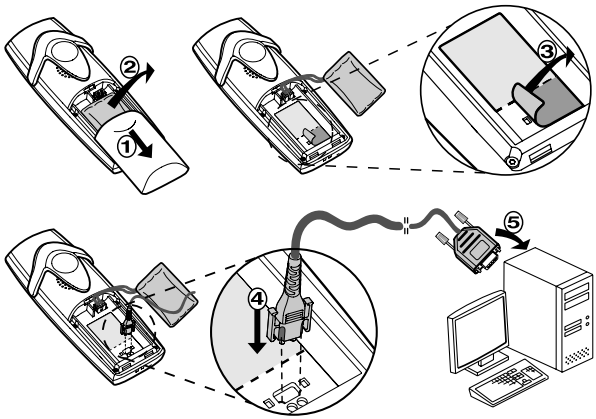
Press for at least seven seconds
The language menu appears.

Select the language of your choice from the list and press

Cordless Phone Manager (CPM) Settings

The CPM Service Tool makes it possible to download new software and to edit and backup the phonebook.

A data cable is used to connect the cordless telephone to the CPM. The connector for the data cable is found inside the battery compartment, beneath the label, of the cordless telephone.



Clearing all Cordless telephone settings

You can clear all settings on the Cordless telephone simultaneously. The CallList and the last call information are also cleared. The phonebook, the PIN code, the subscriptions and the total calls information, however, are not cleared.

All Cordless telephone settings revert to default.

To reset all Cordless telephone settings

Route: *Settings » MasterReset*

MasterReset

Select

Press
“Enter Pin:” or “Reset All Settings?” is displayed.

If requested enter your PIN code for the phone and press
(See section “Overview PIN and other codes” on page 57). “Reset All Settings?” is displayed.

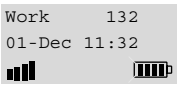
Press to confirm

Networking

Connecting to telephone networks

Your Cordless telephone uses a telephone network to make and receive calls. The Cordless telephone can be connected to several telephone networks.

If your Cordless telephone is connected to a telephone network the name of this network is displayed. The signal strength icon indicates the reception quality.



If a network name is displayed and the signal strength icon is off, the Cordless telephone is not connected to that network at the moment. The Cordless telephone is trying to connect to that network or it was connected to that network before.

Before you can access a network a subscription and a telephone number are required. Subscription to a network is carried out once per network only. Once the Cordless telephone is subscribed you can make and receive calls whenever you are within range of that network.

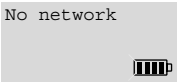
During the subscription to a network the Cordless telephone receives its internal telephone number by which it can be called.

You can subscribe up to eight different networks. You can select a subscribed network automatically or manually.

If the Cordless telephone cannot connect to a network i.e. is unsubscribed, a number of warning messages can be displayed. In addition the Cordless telephone will give short, fast beeping sounds and the warning light will flash.

If the Cordless telephone cannot connect to a network because it is out of reach, “No Network” is shown in the display when you try to make a call.

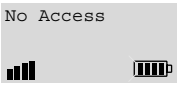
"No network" warning



If you have manually selected a network, the Cordless telephone cannot connect to the selected network. If you have automatically selected a network, the Cordless telephone cannot connect to any network in its subscription list. You can solve this as follows:

- Select another network. See sections “Selecting a network automatically” on page 76 and “Selecting a network manually” on page 77.
- If the Cordless telephone is not yet subscribed to a network, you should subscribe it first, see section “Subscribing to a network” on page 72.
- If the Cordless telephone is already subscribed, you are probably out of range. You should bring it back into the working range of the network.

"No Access" warning



The Cordless telephone is in range of a telephone network but has no access rights. You should solve this as follows:

- Select another network. See sections “Selecting a network automatically” on page 76 and “Selecting a network manually” on page 77.
- If the Cordless telephone is already subscribed to that network, you should resubscribe.

Subscribing to a network

To connect a Cordless telephone to a telephone network you must subscribe to that network. Once subscribed to, the network can be accessed at any time, when within network range.

Subscribing a Cordless telephone

> **Note:** *If the Cordless telephone does not have a subscription, it automatically enters the subscription mode when it is switched on. In this case the Cordless telephone displays* `BasePIN:` *or* `Enter AC:` *and the procedure of entering the PIN code is skipped automatically.*

To subscribe to network a BasePIN or Authentication Code (AC) is required. To speed up the subscription process a Portable Access Rights Key (PARK) can be used also. But when within system range and you are sure that no other network can interfere with the subscription process then the PARK may be omitted.

Your system administrator or supplier will provide you with a BasePIN/AC code and a PARK if necessary.

The BasePIN or AC code is only used once during the subscription process. The BasePIN or AC code can be seen as a temporary PIN code received from the network operator, or system administrator, to perform on-air subscription.

To subscribe to a Cordless telephone without speeding up the subscription process

Route: *Networks » Subscribe*

Subscribe

Select

YES

Press
"Enter PIN:", "BasePIN", "Enter AC:" or "Subscr" is displayed.
"List Full" is displayed, when your Cordless telephone already has eight subscriptions. In this case, you have to delete a subscription before you can add a new one.

YES

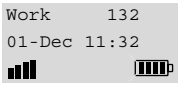
If requested, enter the PIN code for the phone and press
(See section "Overview PIN and other codes" on page 57).
"BasePIN:" or "Enter AC:" is displayed.

Enter the BasePIN or authentication code
Each digit of the BasePIN or AC number that you enter is shown only as ∗ for security purposes.

YES

Press to confirm
The Cordless telephone now looks for a network in subscription mode using the BasePIN or AC number to test if it is allowed to subscribe.

Wait until Subscription Ready **is displayed for a short time**
The Cordless telephone is connected to the network. You can see its internal phone number on the display.



If you get the following message, try to subscribe again:

- "Subscription Failed:" the BasePIN or AC number you have entered does not match the network BasePIN or AC number, or the network cannot add another subscription.

To subscribe to a Cordless telephone to speed up the subscription process

Route: *Networks » Subscribe*

Subscribe

Select

YES

Press
"Enter PIN:", "BasePIN", "Enter AC:" or "Subscr" is displayed.
"List Full" is displayed, when your Cordless telephone already has eight subscriptions. In this case, you have to delete a subscription before you can add a new one.

YES

If requested, enter the PIN code for the phone and press
(See section "Overview PIN and other codes" on page 57).
"BasePIN:" or "Enter AC:" is displayed.

*

Press and then enter the BasePIN or authentication code of the network

YES

Press to proceed
Each digit of the BasePIN or AC number that you enter is shown only as * for security purposes.

YES

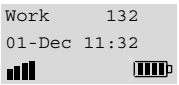
Enter the PARK code of the system and press

Enter a protection code
0 = no protection, 1 = protection
Note! When you enable protection it is no longer possible to delete the subscription via the Cordless telephone.

YES

Press to confirm
The Cordless telephone now looks for a network in subscription mode using the BasePIN or AC number to test if it is allowed to subscribe.

Wait until Subscription Ready **is displayed for a short time**
The Cordless telephone is connected to the network. You can see its internal phone number on the display.



If you get the following message, try to subscribe again:

- "Subscription Failed:" the BasePIN, AC number or PARK code you have entered does not match the network BasePIN, AC number or PARK code, or the network cannot add another subscription.

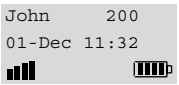
Eight subscriptions possible

Up to eight networks may be subscribed to. The names for these networks are stored in a prioritized list. In case of automatic network selection, the Cordless telephone will try to connect to the network with the highest priority. To change the network priority see section “Changing subscription priority” on page 80.

If you want to subscribe and no free entries are left in the subscription list, you have to delete an entry first. See section “Deleting network subscription” on page 79.

Network names

The names of networks can be used as a personal identity for your telephone. Each name could, for instance, be related to the relevant area or organization when connected to that particular network. To edit the network name see section “Editing network name” on page 78.



Selecting a network automatically

The Cordless telephone can connect to a network automatically. This may solve out of range ("No network") or network access problems ("No Access"). The network selection is retained if the phone is switched off and back on.

To have automatic network selection

Route: *Networks » SelectNet*

SelectNet

Choose

Press
“Automatic” or the currently selected network is displayed.

If necessary select Automatic

Press to confirm
The Cordless telephone tries to connect to a subscribed network in the order of the prioritized subscription list. If only a network name is displayed and "No network" is displayed repeatedly, the Cordless telephone has not connected to a network. The Cordless telephone is out of range or a network subscription is required. See section “Subscribing to a network” on page 72, or contact your system administrator.

Selecting a network manually

The Cordless telephone can connect to several telephone networks. You can specify a network to connect to. The network selection is retained if the phone is switched off and back on.

To specify the network to connect to

Route: *Networks » SelectNet*

SelectNet **Choose**

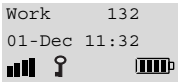
Press
"Automatic" or the currently selected network is displayed.

Press to find the network you want from the list

Press to confirm

Editing network name

The name of each subscribed network can be changed to provide a personal identity for your Cordless telephone. The name can be chosen freely and is shown on the display when the Cordless telephone is connected to that network and in stand-by. The default name is “Work”.



To edit the network name

Route: *Networks » Rename*

Rename **Select**

YES **Press**
The first network name in the subscription list is displayed.

Select the name to edit

YES **Press**
“Edit Name:” is displayed.

Change the name (to a maximum of ten letters)

YES **Press when you finish**

Tips:
With respect to the number keys consider the following: press the key which has the letter of the name you want. Press once for the first letter of the key, twice for the second and three times for the third letter of the key.

To insert lower case letters, press the letter first and then the “star”key. Repeat the procedure to revert to upper case again.

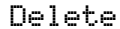
The Cordless telephone can display several special characters. See section “Phonebook” on page 45 for more details.

Deleting network subscription

If a subscription is no longer required, you can remove it from the subscription list of the Cordless telephone. You can lock this option with a PIN code; then you cannot accidentally delete a subscription.

To remove a subscription from the Cordless telephone

Route: *Networks » Delete*



Select

Press
"Enter PIN:" or the first network name in the subscription list is displayed.

If requested, enter the PIN code for the phone and press
(See section "Overview PIN and other codes" on page 57).

Find the subscription to delete

Press
"Delete?" is displayed.

Press to confirm

Note: *If you delete the currently active subscription, the Cordless telephone disconnects and searches for another subscribed network.*

Changing subscription priority

The Cordless telephone can select a network automatically when it has been out of range or switched on. In this case, it searches for the networks in the order of priority starting with the first one on the subscription list. If you wish to change the order of your subscription list, the network names can be re-arranged using the Priority option.

Note: *This menu option is only available if the subscription list contains two or more network names.*

To change the order of the subscription list

Route: *Networks » Priority*

Priority **Select**

Press
The first network name on the list is displayed.

Select the network to be moved

Press
“Pos1” is displayed.

Select the new position in the list for the selected network

Press to confirm
The selected network is put into the required position on the list. The other networks on the list are re-arranged accordingly, maintaining their relevant priorities. For example, if item 3 is moved to item 1 on the list; item 1 becomes item 2, item 2 becomes item 3 and the other items remain unchanged.

Tips and Tricks

You can find a few useful tips and tricks in this section.

Putting a call on hold

You can put a call on hold in two ways:

- During a call; press the R key or the YES key. You can now transfer the call to another phone or return to the call. This and any further action is entirely dependent on the telephone network or switchboard used. See section “Transferring a call” on page 37 for more details.
- Press the C/MUTE key to switch off the microphone. See section “Turning off the microphone” on page 39.

Quick call by name

You can search for a number by name in the phonebook without using the menus. See section “Quick call by name” on page 32 for more details.

Entering a dial tone pause

Press to include a pause in a telephone number
The network waits for the dial tone. See section “Sending a dial tone pause” on page 43 for more details.

Editing a name and number

If you edit a name or a number on your Cordless telephone you can “jump” to the most left or the most right character.

Press for one second

Press for one second to clear the whole name or number

Mute ringer temporarily

If your Cordless telephone rings at an inconvenient moment, you can turn off the sound temporarily by pressing the C/MUTE key. The ringer sounds again with the next call. See section “Turning off the ringer” on page 40 for more details.

Muting ringer and warning sound permanently

You can turn off the ringer and warning sound permanently by pressing the C/MUTE key when off hook. If you press the C/MUTE key during a call, you turn off the microphone. To turn the ringer and warning sound back on, press the C/MUTE key again. See section “Turning off the ringer” on page 40 for more details.

Change the Language

Press for at least seven seconds
The language menu appears.

Reference

Troubleshooting

These answers to frequently asked questions should help you solve problems with the Cordless telephone yourself.

Can somebody eavesdrop on me?

This is not possible because of the digital encryption techniques which are used.

Do I get a warning before the batteries run out?

An alarm sounds when approximately fifteen minutes' calling time is left.

How can I subscribe a Cordless telephone?

To subscribe a Cordless telephone you need the BasePIN or authentication code of the network. How to subscribe is explained in section "Subscribing to a network" on page 72.

I cannot understand the language on the display. Why?

An incorrect language has been selected.

To correct this:

Press for at least seven seconds
The language menu appears.

Select the language of your choice from the list and press

I have entered an incorrect PIN code three times in a row. How can I set a new PIN code?

If you have entered an incorrect PIN code three times in a row, the current code is invalidated. If the Cordless telephone PIN code is invalidated, the Cordless telephone cannot be used any more. To reset the PIN code, see section “Unblocking the Cordless telephone” on page 56.

I cannot switch on the Cordless telephone by pressing NO for at least two seconds. Why?

Put the Cordless telephone in the charger. If the display comes on, the battery is almost flat. Leave the Cordless telephone in the charger to charge the battery. If the display remains off after charging, the Cordless telephone is defective or the battery is not properly connected or may need replacing. See section “Battery” on page 15.

I know that someone is calling me, but the ring signal is not ringing. Why not?

If you can see the ring off icon, it means that the volume of the ring signal has been set to zero, or the ring signal is switched off temporarily. If the ring signal has been switched off temporarily, it comes back on when you hang up. For increasing the volume of the ring signal, see section “Volume control” on page 58.

I hear a warning tone and the signal strength indicator is not shown. What is wrong?

The Cordless telephone is not connected to the network. The Cordless telephone is probably out of range. Bring the Cordless telephone back within range of the network.

It is also possible that the Cordless telephone has not been subscribed or that the subscription has been cancelled. It could also mean that a network other than the one which you are close to has been selected. See sections “Subscribing to a network” on page 72 and “Connecting to telephone networks” on page 70.

I hear a warning tone and the battery icon is flashing. What is wrong?

The battery is almost flat. Put the Cordless telephone in the charger to charge the battery.

I cannot use the phonebook. What is wrong?

The phonebook in the Cordless telephone might be empty. To make use of the phonebook, you have to add a few names and numbers. See section "Adding name and number" on page 47.

Buttons and keys

The lists below explains the use of the buttons and keys on the Cordless telephone.

Key	*Function*
volume up and **volume down**	*Earpiece volume louder/quieter.*
	Make a call, answer a call or transfer a call. *Confirm a menu option.*
	During call: *Microphone off.* While entering text or a number: *Delete last letter or digit, delete whole line if held longer.* If the Cordless telephone rings: *Mute sound. In stand-by mode mute ringer and warning sound permanently.* Cancel a menu option: *Cordless telephone goes on stand-by.*
	If held for 1 second: *Switch Cordless telephone on.* If held for 1 second during stand-by: *Switch Cordless telephone off.* If the Cordless telephone rings: *Mute sound.* *End a call.* *Cancel a menu option.*
	Start menu. *Scroll through menu options or lists.* While entering text or number: *Move one character position, move to end or beginning if held longer.*
	During an internal or external call: *Transfer a call (if supported).* In idle state: *When the Voice message icon appears in your display you can immediately enter your message system by pressing this key.*
	Change case of previous and subsequent letters while entering text. If held for 1 second: *Insert dial tone pause (-) while entering a phone number.*
	Activate or deactivate the handsfree speaking mode.
	Press twice to insert an asterisk (*) when editing a name.

Terminology

The list below explains the terms which may appear on the display.

Terminology used on display

Term	*Meaning*
AC	Authentication code (=BasePIN)
BasePIN	= authentication code
DTMF	Dual Tone Multi Frequency or touch tone, for dialling.
IPEI	International Portable part Equipment Identity, unique identity assigned to your Cordless telephone by the manufacturer.
PARK	Portable Access Rights Key, unique identity assigned to your network.
PIN	Personal Identification Number for security.

Signals

The Cordless telephone signal certain events audibly and visually as described below.

Signal	*Meaning*
Red warning light	Incoming call. Message waiting. Battery almost empty. Cordless telephone out of range or not connected.

The Cordless telephone also generates audible ring signals, alarm signals and warning tones, and key clicks.

Sound	*Meaning*
Ring signal	Incoming call.
Alarm signal	4 short beeps every 30 seconds: battery almost empty. 4 short beeps every 2 minutes: Cordless telephone out of range or not connected.
Key click	You hear this each time you press a key (when selected).
Warning tone	You have pressed a key which has no function.

Maintenance

The Cordless telephone does not contain user serviceable parts. If your Cordless telephone requires service you should return them to the supplier or retailer from whom they were bought.

Cleaning

Clean the Cordless telephone with a soft cloth moistened with water only. The use of soap and other cleaning products can discolour and damage the Cordless telephone. Clean the battery contacts using ethanol or isopropyl alcohol.

Technical specifications

See *Data Sheet TD 92194GB*.

DECT GAP/CAP

The Cordless telephone has the unique advantages of DECT GAP/CAP (Digital Enhanced Cordless Telecommunications Generic Access Profile/CTM Access Profile). This means that no one can eavesdrop on your calls and that the quality of speech is as good as that of conventional fixed telephones. DECT GAP/CAP enables interoperability with other manufacturers' products.

Spare parts and accessories

Use only approved spare parts and accessories. The operation of non-approved parts cannot be guaranteed and may even cause damage. Contact your supplier for more information.

- Clip for the Cordless telephone.
- Nickel metal hydride (NiMH) battery for Cordless telephone.
- Battery door for the Cordless telephone.
- Desktop Charger.
- Swivel Clip for the Cordless telephone.
- Leather case for the Cordless telephone.
- Interface Cable for the Cordless Phone Manager (CPM).

Index

A
AC 57
Accessories 89
Add numbers from the CallList 51
Advanced telephoning 41
Alarm 66
Automatic selection 76

B
Backdoor code 57
BasePIN 57
Battery
changing 17
meter 15
Battery care 6
Battery Charging 16
Battery disposal 7
Blocking keys 52
Buttons 85

C
Call
by name 32
receiving a call 36
returning a call 34
using the phonebook 32
Call information 30
Caller identification 36
Calling line identification 36
Calling via the CallList 33
Cancelling a subscription 79
CAP 88
Changing 17
Changing subscription priority 80
Changing the dialling mode 43
Changing the menu language 25
Charg time battery 15
Charger 16
Charging 16
Chemical resistance 3
Cleaning 88
Clip 17
Connecting to telephone networks 70
Contrast 65
Cordless phone display icons and indicators 9
Cordless phone features 10
Cordless phone lock 53
Cordless Phone Manager 68
Cordless telephone
Changing the PIN code 55
switching off 27
switching on 18
Unblocking 56
CPM 68

D
DECT/GAP 88
Deleting a names and numbers 50
Deleting network subscription 79
Description 2
Dial mode 43
Dial tone pause 43
Dialling off hook 31
Dialling on hook 31
Discreet ringing 61
Display
information 29
Display contrast 65
Display light 64
DTMF 87

E
Editing a name and number 82
Editing name and number 48
Editing network name 78
Editing telephone numbers 49
Enter names 45
Exposure to radio frequency signals 4

Extension number 30
Extra Security 52
Extra security 52

F
FCC 4/5
FCC compliance statements 6

G
GAP 88
Getting started 11

H
Handsfree calling 31

I
Illuminated display 64
Information 29
IPEI 57
IPEI code 26

K
Key click 63
Key lock 52
Keys 85

L
Language 67/68
Looking up the IPEI code 26

M
Maintenance 88
Making a call 31
Making and receiving calls 23
MasterReset 69
Melody 60
Menu
  off hook 20
  on hook 20
  structure 19
  use 20
Message waiting 42
Microphone off 39

N
Name/number editing 48
Network 70
Network name 29
Network selection 77
Networking 70
Nickel Metal Hydride 15
NiMH 15

O
Off hook dialling 31
Off hook menu 20
On hook dialling 31
On hook menu 20
Operating area 24

P
PARK 57/87
Path through the menus 22
Pause, dial tone 43
PhoneBook 45
Phonebook
  Adding name and number 47
  Editing name 48
  Editing number 49
PIN code 87
Preparing for use 12

Q
Quick call by name 32

R
Receiving a call 36
Reference 83
Reset all Cordless telephone settings 69
RFExposure 5
Ring
  type 60
Ringer
  off 40
Ringer tone 60
Ringing signal 41
Route 22

S
Safety instructions 83
SAR 4/5
Selecting a network automatically 76
Selecting a network manually 77
Sending a dial tone pause 43
Settings 58
Signal strength 29
Signals 87
Spare parts 89
Subscribing to a network 72

Switching off the Cordless telephone 27
Switching on the Cordless telephone 18

T
Technical specifications 88
Telephone networking in short 27
Telephone number 31
Telephoning 29
Terminology used on display 87
Tips and Tricks 81
To return a call 35
Transfer 37
Transferring calls 37
Troubleshooting 83
Turning 40
Turning off the microphone 39
Turning off the ringer 40

U
Unanswered calls 34
Using
phonebook 45

V
Vibrating alert 62
Volume 58

W
Warrenty notification 6
Who Called 34